

# VU Research Portal

## The Molecular Genetic Architecture of Human Behavior: Biological and epidemiological insights from the GWAS revolution

Meddens, S.F.W.

2019

### **document version**

Publisher's PDF, also known as Version of record

[Link to publication in VU Research Portal](#)

### **citation for published version (APA)**

Meddens, S. F. W. (2019). *The Molecular Genetic Architecture of Human Behavior: Biological and epidemiological insights from the GWAS revolution: Biological and epidemiological insights from the GWAS revolution*. [PhD-Thesis - Research and graduation internal, Vrije Universiteit Amsterdam].

### **General rights**

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal ?

### **Take down policy**

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

### **E-mail address:**

[vuresearchportal.ub@vu.nl](mailto:vuresearchportal.ub@vu.nl)

# CONTENTS

Chapter 1	Introduction	p. 1
Chapter 2	Genomic analysis of diet composition finds novel loci and associations with health and lifestyle	p. 19
Chapter 3	GWAS of risk tolerance and risky behaviors in over one million individuals identify hundreds of loci and reveal shared genetic influences	p. 87
Chapter 4	Genetic variants associated with subjective well-being, depressive symptoms and neuroticism identified through genome-wide analyses	p. 149
Chapter 5	Genome-wide association study identifies 74 loci associated with educational attainment	p. 191
Chapter 6	General discussion, summary and future perspectives	p. 213
	Nederlandse samenvatting	p. 229
	Publications	p. 235
	Dankwoord	p. 237